ABSTRACT OF THE DISCLOSURE

Vector data indicating a plurality of points for representing an image is classified for storage under three groups: a group 1 of the vector data DP1, DP5, DP9 indicating indispensable points P1, P5, P9 required for recognition of graphics G; a group 2 of the vector data DP3, DP7 indicating first supplementary points P3, P7 for supplementing the points P1, P5, P9; and a group 3 of the vector data DP2, DP4, DP6, DP8 indicating second supplementary points P2, P4, P6, P8 for further supplementing the indispensable points P1, P5, P9 and first supplementary points P3, P7. When displaying an image, a selection is made between displaying the image represented by the group 1 and displaying the image represented by the group 1 plus the groups 2 and 3.